Mathematics

**MATH 441  Differential Equations  credit: 3 OR 4 hours.**
Basic course in ordinary differential equations; topics include existence and uniqueness of solutions and the general theory of linear differential equations; treatment is more rigorous than that given in MATH 285. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Credit is not given for both MATH 441 and any of MATH 284, MATH 285, MATH 286. Prerequisite: MATH 241. Recommended: MATH 347 or MATH 348.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>57915</td>
<td>Lecture-Discussion</td>
<td>C13</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>141 - Altgeld Hall</td>
<td>Palmore, J</td>
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<td>57920</td>
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<td>C14</td>
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<td>02:00 PM - 02:50 PM</td>
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<td>Zharnitsky, V</td>
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<td>Lecture-Discussion</td>
<td>G13</td>
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<td>138 - Henry Administration Bldg</td>
<td>Tzirakis, N</td>
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Credit Hours: 3 hours
Major restrictions will be removed during the day of December 2, 2013. Students not in those majors are welcome to register after restrictions have been lifted.

Credit Hours: 4 hours
Departmental Approval Required
Instructor approval forms available in 313 Altgeld Hall beginning on the first day of Spring semester.

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Major restrictions will be removed during the day of December 2, 2013. Students not in those majors are welcome to register after restrictions have been lifted.

Credit Hours: 4 hours
Instructor Approval Required
Instructor approval forms available in 313 Altgeld Hall beginning on the first day of Spring semester.
Not intended for Undergrad - Urbana-Champaign.
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<td>Lecture-Discussion</td>
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<td>MWF</td>
<td>156 - Henry Administration Bldg</td>
<td>Bronski, J</td>
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</tbody>
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